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**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company
for Recovery of Costs to Implement Electric Rule
24 Direct Participation Demand Response
(U39E).

A.14-06-001
(Filed June 2, 2014)

And Other Related Matters

A.14-06-002
A.14-06-003

**SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) QUARTERLY REPORT
REGARDING THE STATUS OF THIRD-PARTY DEMAND RESPONSE DIRECT
PARTICIPATION IN COMPLIANCE WITH DECISION 15-03-042**

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Dated: **September 30, 2016**

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Pursuant to the Rules of Practice and Procedure of the California Public Utilities Commission (Commission), and in compliance with Decision (D.) 15-03-042, Ordering Paragraph (OP) 1, Southern California Edison Company (SCE) hereby submits for filing its Quarterly Report regarding the status of third-party demand response direct participation for 2016 Quarter 3 (July 1, 2016, through September 30, 2016). SCE’s report is attached hereto as Appendix A.

Respectfully submitted,

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Appendix A

**SCE Quarterly Report Regarding the Status of Third-Party Demand Response Direct
Participation for 2016 Quarter 3**

SCE Rule 24 Direct Participation Reporting Template

Reporting Utility SOUTHERN CALIFORNIA EDISON (SCE)
Reporting Quarter 2016 QUARTER 3

CAISO System Status:

- There are no new issues with the current User Interface and API for the CAISO DRRS.
- As of September 23, 2016, the revised CAISO Go-Live and Market Sim dates are as follows:
 - Market Sim: September 20 – October 14, 2016
 - Go-Live: October 31, 2016
- The CAISO opened its Market Sim environment of the DRRS GUI on September 20th and intends to make the Application Programming Interface (API) available on September 27th. This provides the market participants only 13 days to perform unit, system, and user acceptance testing using the API. SCE intends to use the API for majority, if not all, of its registration processes and will need at least a month of Market Sim using the API to ensure that its systems and the CAISO's systems are performing as expected.
- SCE has requested that the CAISO migrate some of the existing resources that are currently in the Production environment to the Market Sim environment such that SCE is able to perform specific test cases (e.g. create a new registration using SAs that were approved in the old system). The resources that were migrated over are based on outdated data that is of insufficient quality. Migration of the production data into Market Sim will also provide verification of the data migration activities of SCE and ISO once the new system is live. SCE submitted a CIDI ticket on the request and intends to raise these issues at the next Customer Partnership Group call on September 28th.
- SCE also wants to reiterate that further delays to SCE's implementation will potentially impact the participation of the Demand Response Auction Mechanism (DRAM) and the potential transition of customers from SCE's Demand Response resources to 3rd party Demand Response Provider (DRP) resources. The longer the new system is not available for registrations, the more time the current Demand Response resources will be subject to the current re-registration approval gap.
- As in the Quarter 1 and 2 report, it is unclear at the moment if the CAISO and SCE systems will be able to accommodate potential daily updates to the registrations once the new DRRS is in production. Each time the Service Account composition of a registration changes, a new registration version is created and the DRP must send 45 days of meter data for use in the baseline calculation of the awarded resource. SCE has seen that updates to its registration may occur on a daily basis. This adds a significant burden to SCE's, and most likely the CAISO's, metering storage systems. At least in the initial phases, SCE recommends that SCE update the registrations on a monthly or less frequent basis to test the storage system abilities. Only once the systems are stabilized and have shown that they are able to accommodate more frequent registration updates would SCE determine the reasonableness of increasing the number of updates.

SCE Rule 24 Direct Participation Reporting Template

Utility Implementation Status: In early September, SCE provided a two-hour webinar covering its Rule 24/DRAM operational processes to new and existing DRPs and Aggregators. The objectives were to help Participants understand: (1) what is required in order to register with SCE as a DRP; (2) the requirements of SCE's Green Button Connect and CISR-DRP processes in order to minimize rejections and delays; (3) the information provided in the data reports; and (4) the terms and obligations for DRAM performance requirements. SCE scheduled weekly calls with individual DRPs, Aggregators, and their Scheduling Coordinators to assist with operational questions and concerns.

Market Participation *(As of 3 days prior to the end of Reporting Quarter)*

Number of Registered DRPs at Commission	<u>8</u>
Number of DRPs with Active CAISO Registrations	<u>4</u>
Number of Locations in Active Registrations	<u>4,124</u>
Number of Residential Locations in Active Registrations	<u>4,015</u>
Number of CCA/DA Locations in Active Registrations	<u>4</u>
Number of Registered Locations in DRAM	<u>4,124</u>
Number of Locations Removed from Reporting Utility's DR Programs	<u>0</u>
Remaining Rule 24/32 Slots for Service Agreement Registrations	<u>9,876</u>

SCE Rule 24 Direct Participation Reporting Template

Utility Processing *(As of 3 days prior to the end of Reporting Quarter)*

	Month 1 of Quarter	Month 2 of Quarter	Month 3 of Quarter
Number of CISR-DRPs Received	29	0	0
Number of Service Agreement's received	303	0	0
Number of CISR-DRPs Rejected	3	0	0
Number of CISR-DRPs Processed	26	0	0
Average CISR Processing Time	4.76 days	N/A	N/A
Number of CAISO SA Registrations Reviewed	16,581	443	0
Average Registration Processing Time	2.27 days	5.49 days	N/A